

## WHAT IS CLAIMED IS:

1. An active matrix type liquid crystal display apparatus comprising:

an insulation substrate;

5 scanning lines formed on the insulation substrate;

signal lines extending in a direction intersecting a direction in which the scanning lines extend;

switching devices provided in the vicinity of  
10 each intersection of the scanning and signal lines such that the switching devices are arrayed in a matrix form;

an interlaminar insulation film disposed on or above the scanning lines, the signal lines, and the switching devices; and

15 pixel electrodes formed on the interlaminar insulation film and arranged in a matrix form, each electrode being connected to an output terminal of an associated switching device,

wherein only a part of each of opposite side  
20 portions of one pixel electrode widthwise covers two signal lines extending adjacent to the pixel electrode.

2. The active matrix type liquid crystal display apparatus according to claim 1, wherein each pixel electrode  
25 covers the associated switching device.

3.           The active matrix type liquid crystal display apparatus according to claim 1, wherein each signal line is bent twice between two adjacent scanning lines such that two  
5 generally parallel but longitudinally displaced parts are formed, and these two parts are covered by opposed side portions of two adjacent pixel electrodes, respectively.

4.           The active matrix type liquid crystal display  
10 apparatus according to claim 1, wherein said parts of the pixel electrode covering the two signal lines adjacent to the pixel electrode are parts that overhang from side edges of the pixel electrode.

15 5.           The active matrix type liquid crystal display apparatus according to claim 4, wherein both side edges of each pixel electrode are bent twice such that the overhanging parts are diagonally formed on the respective sides of the pixel electrode and these overhanging parts cover the two  
20 signal lines adjacent to the pixel electrode.

6.           The active matrix type liquid crystal display apparatus according to claim 5, wherein a portion between the two bents of each side edge of the pixel electrode forms a  
25 slant.

7.           The active matrix type liquid crystal display apparatus according to claim 1, wherein each switching device is disposed in the vicinity of a gap between two adjacent pixel  
5 electrodes.

8.           The active matrix type liquid crystal display apparatus according to claim 1, further comprising an opposed board having a black matrix, and wherein the black matrix is  
10 located between two adjacent pixel electrodes in such a manner that the black matrix overlaps each one of these pixel electrodes by at least an amount corresponding to an alignment margin of the opposed board relative to the insulation board.

15 9.           The active matrix type liquid crystal display apparatus according to claim 8, wherein in a location where the signal line is covered by the pixel electrode, an edge of the black matrix is disposed along a center line of the pixel electrode or on an inner side of the pixel electrode  
20 than the center line.

10.           The active matrix type liquid crystal display apparatus according to claim 1, further comprising a light shield film provided on the insulation substrate in such a

manner that the light shield film spans a gap between the adjacent pixel electrodes.

11.           The active matrix type liquid crystal display apparatus according to claim 9, further comprising a light shield film provided on the insulation substrate in such a manner that the light shield film spans a gap between the adjacent pixel electrodes.
- 10 12.           An active matrix type liquid crystal display apparatus comprising:
- an insulation substrate;
  - scanning lines formed on the insulation substrate;
  - 15           auxiliary capacitor lines arranged parallel to the scanning lines;
  - signal lines extending in a direction intersecting a direction in which the scanning lines extend;
  - switching devices provided in the vicinity of
  - 20 each intersection of the scanning and signal lines such that the switching devices are arrayed in a matrix form;
  - an interlaminar insulation film disposed on or above the scanning lines, auxiliary capacitor lines, the signal lines, and the switching devices; and

pixel electrodes formed on the interlaminar insulation film and arranged in a matrix form, each electrode being connected to an output terminal of the associated switching device,

5                    wherein both side edges of each pixel electrode are bent twice such that the overhanging parts are formed on the respective sides of the pixel electrode and these overhanging parts cover two signal lines adjacent to the pixel electrode, and

10                   wherein the auxiliary capacitor line underlies a portion between the two bents of each side edge of the pixel electrode.

13.                The active matrix type liquid crystal display  
15 apparatus according to claim 12, further comprising a light shield film provided on the insulation substrate in such a manner that the light shield film spans a gap between the adjacent pixel electrodes.

20 14.                The active matrix type liquid crystal display apparatus according to claim 13, wherein said light shield film is electrically connected to either the auxiliary capacitor line or the scanning line.

15.           The active matrix type liquid crystal display apparatus according to claim 12, wherein the portion between the two bents of each side edge of the pixel electrode forms a slant.

5

16.           The active matrix type liquid crystal display apparatus according to claim 12,

                  wherein the auxiliary capacitor line includes electrode portions that extend toward a portion between the  
10 two bents of each side edge of the pixel electrode such that the electrode portions underlie the portions between the two bents of each side edge of the pixel electrode.

17.           The active matrix type liquid crystal display  
15 apparatus according to claim 12, wherein the overhanging parts on both sides of the pixel electrodes have approximately same dimensions.

18.           An active matrix type liquid crystal display  
20 apparatus:

                  an insulation substrate;

                  scanning lines formed on the insulation substrate;

                  auxiliary capacitor lines arranged parallel to  
25 the scanning lines;

signal lines extending in a direction intersecting a direction in which the scanning lines extend;

switching devices provided in the vicinity of each intersection of the scanning and signal lines such that  
5 the switching devices are arrayed in a matrix form;

an interlaminar insulation film disposed on or above the scanning lines, auxiliary capacitor lines, the signal lines, and the switching devices; and

pixel electrodes formed on the interlaminar  
10 insulation film and arranged in a matrix form, each electrode being connected to an output terminal of the associated switching device,

wherein each signal line is bent twice between two adjacent scanning lines such that two generally parallel  
15 but longitudinally displaced parts are formed, and these two parts are covered by opposed side portions of two adjacent pixel electrodes, and

wherein the auxiliary capacitor line is located in a position corresponding to the portion between the two  
20 bents of the signal line.

19. The active matrix type liquid crystal display apparatus according to claim 18, wherein the auxiliary capacitor line underlies the portion between the two bents  
25 of each side edge of the signal line.

20. The active matrix type liquid crystal display apparatus according to claim 18,

5 wherein the auxiliary capacitor line includes electrode portions that extend toward the portion between the two bents of each signal line such that the electrode portions are located in positions corresponding to the portions between the two bents of the signal lines.

10 21. The active matrix type liquid crystal display apparatus according to claim 18, further comprising a light shield film provided on the insulation substrate in such a manner that the light shield film spans a gap between the adjacent pixel electrodes.

15

22. The active matrix type liquid crystal display apparatus according to claim 21, wherein said light shield film is electrically connected to either the auxiliary capacitor line or the scanning line.

20

23. The active matrix type liquid crystal display apparatus according to claim 18, wherein the portion between the two bents of each signal line forms a slant.